# ddPCR Supermix for Probes (No dUTP)

## Overview

This digital PCR supermix delivers maximum PCR efficiency and sensitivity for the amplification and detection of DNA targets using hydrolysis probe–based assays.

Read full description

Ordering Information



# Description

### QX Software for Digital PCR Systems

When connected to a ddPCR System, QX Software provides all necessary functionality to create, run, and analyze experiments on your samples.

**Learn More About QX Software for Digital PCR Systems »**

**Buy Digital PCR Assays**

Simply enter your target of interest or sequence and order a ddPCR Assay

**Find an Assay**

**Droplet Digital PCR Publications**

Browse the growing list of cited peer-reviewed journal articles in Droplet Digital PCR research featuring Bio-Rad products.

**Browse Publications ↗**

This digital PCR supermix for probes (No dUTP) is a 2x concentrated, ready-to-use universal mix that has been optimized to deliver maximum PCR efficiency, specificity, and sensitivity in Droplet Digital™ PCR (ddPCR™).

Note: This product was previously named droplet PCR supermix.

## Key Benefits

- Contains all components required for hydrolysis probe–based ddPCR except primers, probe(s), and template
- Limits nonspecific PCR amplification
- Optimized for use with validated ddPCR Assays
- Hot-start polymerase keeps enzyme inactive during sample droplet partitioning
- Allows for DNA recovery after amplification

## Applications and Uses

- Absolute quantification

- Mutation detection
- Copy number analysis
- Gene expression analysis
- NGS validation and library quantification
- Environmental monitoring
- Food testing

## Packaging Options

| Number of 20 µl Reactions | Supermix Volume, ml | Catalog Number |
|---|---|---|
| 200 | 2 x 1 | 186-3023 |
| 500 | 5 x 1 | 186-3024 |
| 2,500 | 5 x 5 | 186-3025 |

## Additional Reagents

Bio-Rad offers additional consumables for completing your digital PCR workflow:

- Digital PCR consumables
  - Droplet Generation Oil for Probes
  - ddPCR Droplet Reader Oil
  - DG8 Cartridges
  - DG8 Gaskets
- PrimePCR ddPCR Assays
- Digital PCR Library Quantification Kits

## Additional Equipment

This digital PCR supermix requires the use of the following instruments and accessories:

- QX600 Droplet Digital PCR System
- QX600 AutoDG Droplet Digital PCR System
- QX200 Droplet Generator
- QX200 Droplet Reader
- PX1 PCR Plate Sealer
- PTC Tempo Deepwell Thermal Cycler or C1000 Touch Thermal Cycler with 96 Deep–Well Reaction Module

### Related Products

Bio-Rad offers additional digital PCR supermixes including:

- ddPCR Supermix for Probes
- QX200 ddPCR EvaGreen Supermix

### More Information

This ddPCR Supermix for Probes (No dUTP) is optimized for use with Droplet Generation Oil for Probes on the QX600 or QX200 Droplet Digital PCR System.

## Specifications

| | |
|---|---|
| Storage at –20°C | Up to 18 months (refer to expiration date) |
| Storage at 4°C (after thawing) | Up to 2 weeks |
| Template compatibility | cDNA, genomic DNA, plasmid DNA |

# Ordering

**ddPCR™ Supermix for Probes (No dUTP)**

1863023

2 ml (2 x 1 ml), 2x supermix, for use in sample preparation for droplet generation in the QX600/QX200 Droplet Digital PCR Systems

List Price: **$268.00**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**ddPCR Supermix for Probes (No dUTP)**

1863024

5 ml (5 x 1 ml), 2x supermix, for use in sample preparation for droplet generation in the QX600/QX200 Droplet Digital PCR Systems

List Price: **$670.00**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**ddPCR Supermix for Probes (No dUTP)**

1863025

List Price: **$3,350.00**

25 ml (5 x 5 ml), 2x supermix, for use in sample preparation for droplet generation in the QX600/QX200 Droplet Digital PCR Systems

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

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# Equipment

**QX600 Droplet Digital PCR System**

17007769

Discover how the QX600 Droplet Digital PCR System enables 6-color multiplexing, allowing clear discrimination of multiple targets within samples.

List Price: **Inquire**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**QX600 AutoDG Droplet Digital PCR System**

17008371

List Price: **Inquire**

Log in to see your price

Discover how the QX600 AutoDG Droplet Digital PCR System enables and automates 6-color multiplexing for up to 96-samples per run providing clear discrimination of multiple targets.

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**QX600 Droplet Reader**

12013328

The QX600™ Droplet Reader enables advanced six-color multiplexing, allowing clear discrimination of multiple targets with assays that are cross-compatible with the QX200™ Droplet Digital™ PCR (ddPCR™) System.

List Price: **Inquire**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**Automated Droplet Generator**

1864101

AutoDG Instrument for automated droplet generation of up to 96 samples, for use with the QX600/QX200 Droplet Digital PCR Systems

List Price: **Inquire**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**QX200 Droplet Digital PCR System**

1864001

Droplet Digital PCR System, includes droplet generator, droplet reader, computer, software, associated component consumables, for EvaGreen or probe-based digital PCR applications

List Price: **Inquire**

Log in to see your price

Promotion Available

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**QX200™ Droplet Generator**

1864002

Droplet generator for EvaGreen or probe-based digital PCR applications, for use with QX200™ Droplet Digital™ PCR System

List Price: **$30,000.00**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

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**QX200 Droplet Reader**

1864003

Droplet reader for EvaGreen or probe-based digital PCR applications, for use with the QX200 Droplet Digital™ System

List Price: **Inquire**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**PX1 PCR Plate Sealer**

1814000

PCR plate sealer, includes heat sealing instrument, plate support block that holds

List Price: **$5,381.00**

Log in to see your price

96-well and 384-well plates, sealing frame, power cord

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**C1000 Touch™ Thermal Cycler with 96–Deep Well Reaction Module**

1851197

Modular thermal cycler platform, includes C1000 Touch Thermal Cycler chassis, 96–deep well reaction module, USB flash drive

List Price: **$11,590.00**

Log in to see your price

Promotion Available

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

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# Accessories

**Droplet Generation Oil for Probes**

1863005

List Price: **$410.00**

Log in to see your price

70 ml (10 x 7 ml), oil for use with droplet generator in the QX600/QX200 Droplet Digital™ PCR Systems

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**ddPCR™ Buffer Control for Probes**

1863052

9 ml (2 x 4.5 ml), 2x buffer, for use as blank control with Droplet Generation Oil for Probes

List Price: **$336.00**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**ddPCR™ Droplet Reader Oil**

1863004

2 L (2 x 1 L), oil for use with droplet reader in the QX600/QX200 Droplet Digital™ PCR Systems

List Price: **$2,019.00**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**DG8™ Cartridges for QX200™/QX100™ Droplet Generator**

1864008

Pkg of 24, cartridges for use with the QX200 Droplet Generator

List Price: **$345.00**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**DG8™ Gaskets for QX200™/QX100™ Droplet Generator**

1863009

Pkg of 24, gaskets for use with QX200 Droplet Generator

List Price: **$85.00**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

**DG8™ Cartridges and Gaskets**

1864007

5 pkg of 24 DG8 Cartridges, 5 pkg of 24 DG8 Gaskets, for use with the QX200 Droplet Generator

List Price: **$2,076.00**

Log in to see your price

**Quantity:** 1

Add to Cart

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**PCR Plate Heat Seal, foil, pierceable**

1814040

Pkg of 100, foil seals for PCR and QX200/QX100 Droplet Digital PCR System applications, for use with PX1 PCR Plate Sealer

List Price: **$127.00**

Log in to see your price

**Quantity:** 1

Add to Cart

Buy It Now

Add to Quote

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# Documents

**Login Required**

## Description

| | | |
|---|---|---|
| 6338 Droplet Digital™ PCR (ddPCR™) Supermixes Flier, Rev A | | Add to Cart (Free) |
| 10026868 | ddPCR™ Supermix for Probes (No dUTP) Product Insert | |
| 10040718 | Droplet Generation Oil for Probes Product Insert | |
| 6311 | QX200 Droplet Digital PCR System Brochure, Rev C | Add to Cart (Free) |
| 10031907 | Instruction Manual, QX200™ Droplet Generator, Rev C | |
| 10031906 | Instruction Manual, QX200 Droplet Reader and QuantaSoft Software | |
| 6712 Ultra-Sensitive Quantification of Genome Editing Events Using Droplet Digital™ PCR Application Note, Ver B | | |

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